

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 110227 <div style="font-size: 2em; margin-top: 10px;">#4</div>		APPLICATION NO. New U. S. Application	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT(S) Hideki MATSUDA		<div style="display: flex; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: 0.8em; margin-right: 5px;"> 1036 U.S. PTO 09/916677 </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: 0.8em; margin-left: 5px;"> 07/30/01 </div> </div>	
				FILING DATE July 30, 2001			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
M.L.		New U. S. Application (attorney docket #110228)	07/30/2001	MATSUDA	1	1	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
M.L.		JP A 11-041478 (w/ abstract)	02/12/1999	Japan	1	1	
M.L.		JP A 11-085952 (w/ abstract)	03/30/1999	Japan	1	1	
M.L.		JP A 10-105145 (w/ abstract)	04/24/1998	Japan	1	1	
M.L.		JP A 10-304395 (w/ abstract)	11/13/1998	Japan	1	1	
		JP A 09-107484 (w/ abstract)	04/22/1997	Japan			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER				DATE CONSIDERED			
MATTHEW LU				4/19/03			
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT
Hideki MATSUDAFILING DATE
July 30, 2001GROUP
2873

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
M.L.	1	5,488,434	01/30/1996	Jung	348	603
M.L.	2	5,760,843	06/02/1998	Morimura et al.	340	603
M.L.	3	4,952,917	08/28/1990	Yabuuchi	345	509

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
M.L.	4	WO 94/18790	08/18/1994	WIPO	—	—
M.L.	5	GB 2 341 033 A	03/01/2000	Great Britain	—	—
M.L.	6	EP 0 700 218 A2	03/06/1996	Europe	—	—
M.L.	7	GB 2 335 326 A	09/15/1999	Great Britain	—	—
M.L.	8	JP 09-149337 abstract only	06/06/1997	Japan	—	—
M.L.	9	JP 09-018806 abstract only	01/17/1997	Japan	—	—
M.L.	10	JP 05-100652 abstract only	04/23/1993	Japan	—	—
M.L.	11	JP 07-095558 abstract only	04/07/1995	Japan	—	—
M.L.	12	JP 59-066280 abstract only	04/14/1984	Japan	—	—
M.L.	13	JP 04-127667 abstract only	04/28/1992	Japan	—	—

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER

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Date: March 19, 2003